



PTO/SB/08a (11-08)

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/800,023-Conf. #9210
				Filing Date	March 12, 2004
				First Named Inventor	Daniel HAWIGER
				Art Unit	1644
				Examiner Name	R. B. Schwadron
Sheet	1	of	12	Attorney Docket Number	RUJ-001CNCP2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/R.S./	A1*	US-4,474,893	10-02-1984	Reading	
	A2*	US-4,946,778	08-07-1990	Ladner et al.	
	A3*	US-4,954,617	09-04-1990	Fanger et al.	
	A4*	US-5,455,030	10-03-1995	Ladner et al.	
	A5*	US-5,476,786	12-19-1995	Huston	
	A6*	US-5,545,807	08-13-1996	Surani et al.	
	A7*	US-5,698,679	12-16-1997	Nemazee	
	A8*	US-5,869,057	02-09-1999	Rock	
	A9*	US-5,876,917	03-02-1999	Hart et al.	
	A10*	US-5,922,845	07-13-1999	Deo et al.	
	A11*	US-6,080,409	06-27-2000	Laus et al.	
	A12*	US-6,117,977	09-12-2000	Lasky et al.	
	A13*	US-6,277,959	08-21-2001	Valladeau et al.	
	A14*	US-6,340,569	01-22-2002	Ball et al.	
	A15*	US-6,432,666	08-13-2002	Hart et al.	
	A16*	US-6,479,247-A1	11-12-2002	Hart et al.	
	A17*	US-20020187131-A1	12-12-2002	Hawiger et al.	
	A18*	US-6,756,478-A1	06-29-2004	Valladeau et al.	
	A19*	US-20040001853-A1	01-01-2004	George et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/R.S./	B1	WO-86/01533-A1	03-13-1986	Celltech Limited		
/R.S./	B2	WO-88/00052-A1	01-14-1988	Trustees of Dartmouth College		
/R.S./	B3	WO-92/07579-A1	05-14-1992	The Children's Medical Center Corporation		
/R.S./	B4	WO-92/03918-A1	03-19-1992	Genpharm International, Inc.		
/R.S./	B5	WO-93/04187-A1	03-04-1993	Medical Research Council		
/R.S./	B6	WO-93/12227-A1	06-24-1993	Genpharm International, Inc.		

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Sheet	3	of	12		

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/R.S./	B13	WO-99/02562-A1	01-21-1999	Schering Corporation		
/R.S./	B14	WO-99/16455-A1	04-08-1999	The Austin Research Institute		
/R.S./	B15	WO-99/24554-A2	05-20-1999	University of Pittsburgh		
/R.S./	B16	WO-99/47673-A2	09-23-1999	Schering Corporation		
/R.S./	B17	WO-99/55369-A1	11-04-1999	Smithkline Beecham Corporation		
/R.S./	B18	WO-99/58678-A2	11-18-1999	Micromet GmbH		

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/R.S./	B19	WO-00/00156-A2	01-06-2000	Trustees of Dartmouth College		
/R.S./	B20	WO-00/00592-A1	01-06-2000	Bae, Yong Soo et al.		
/R.S./	B21	WO-00/18803-A2	04-06-2000	Schering Corporation		
/R.S./	B22	WO-00/63251-A1	10-26-2000	Katholieke Universiteit Nijmegen		
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/R.S./	B24	WO-01/85798-A2	11-15-2001	Medarex, Inc.		

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NON PATENT LITERATURE DOCUMENTS				
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/R.S./	C1	Apostolopoulos, Vasso et al, "Ex vivo targeting of the macrophage mannose receptor generates anti-tumor CTL responses," <i>Vaccine</i> , Vol. 18:3174-3184 (2000)		
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/R.S./	C5	Bird, Robert E. et al, "Single-Chain Antigen-Binding Proteins," <i>Science</i> , Vol. 242(4877):423-426 (1988)		
/R.S./	C6	Bonifaz, Laura et al., "Efficient Targeting of Protein Antigen to the Dendritic Cell Receptor DEC-205 in the Steady State Leads to Antigen Presentation on Major Histocompatibility Complex Class II Products and Peripheral CD8 ⁺ T Cell Tolerance," <i>J. Exp. Med.</i> , Vol. 196(12):1627-1938 (2002)		
/R.S./	C7	Breel, M. et al., "Subpopulations of lymphoid and non-lymphoid cells in bronchus-associated lymphoid tissue (BALT) of the mouse," <i>Immunology</i> , Vol. 63:657-662 (1988)		
/R.S./	C8	Brennan, Maureen et al, "Preparation of Bispecific Antibodies by Chemical Recombination of Monoclonal Immunoglobulin G1 Fragments," <i>Science</i> , Vol. 229:81-83 (1985)		
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/R.S./	C10	Chen, Wen-Ji et al., "NPXY, a Sequence Often Found in Cytoplasmic Tails, Is Required for Coated Pit-mediated Internalization of the Low Density Lipoprotein Receptor," <i>The Journal of Biological Chemistry</i> , Vol. 265(6):3116-3123 (1990)		

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/R.S./	C11	Chen, Yvonne et al., "Selection and Analysis of an Optimized Anti-VEGF Antibody: Crystal Structure of an Affinity-matured Fab in Complex with Antigen," <i>J. Mol. Biol.</i> , Vol. 293:865-881 (1999)		
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/R.S./	C14	Cox, John C. et al., "Adjuvants - a classification and review of their modes of action," <i>Vaccine</i> , Vol. 15(3):248-256 (1997)		
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/R.S./	C17	Drickamer, K. et al., "Biology of animal lectins," <i>Annu. Rev. Cell Biol.</i> , Vol. 9:237-264 (1993)		
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/R.S./	C20	Galfre, G. et al, "Antibodies to major histocompatibility antigens produced by hybrid cell lines," <i>Nature</i> , Vol. 266(7):550-552 (1977)		

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/R.S./	C21	Geissmann, Frédéric et al, "A Subset of Human Dendritic Cells Expresses IgA Fc Receptor (CD89), Which Mediates Internalization and Activation Upon Cross-Linking by IgA Complexes," <i>The Journal of Immunology</i> , Vol. 166:346-352 (2001)		
/R.S./	C22	Glennie, Martin J. et al, "Preparation and Performance of Bispecific F(ab') ₂ Antibody Containing Thioether-Linked Fab'γ Fragments," <i>The Journal of Immunology</i> , Vol. 139(7):2367-2375 (1987)		
/R.S./	C23	Guo, Ming et al., "A Monoclonal Antibody to the DEC-205 Endocytosis Receptor on Human Dendritic Cells," <i>Human Immunology</i> , Vol. 61:729-738 (2000)		
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/R.S./	C26	He, Lizhen et al, "An Antigen Presenting Cell-Targeted Cancer Vaccine that Elicits CD4 and CD8 Effector Responses to the hCGβ Tumor-Associated Antigen," <i>Proceedings of the American Association for Cancer Research</i> , Vol. 44, 2nd ed., pg. 167 (2003)		
/R.S./	C27	Inaba, Kayo et al., "Tissue Distribution of the DEC-205 Protein That Is Detected by the Monoclonal Antibody NLDC-145, I. Expression on Dendritic Cells and Other Subsets of Mouse Leukocytes," <i>Cellular Immunology</i> , Vol. 163:148-156 (1995)		
/R.S./	C28	Ishizaki, Jun et al., "Molecular Cloning of Pancreatic Group I Phospholipase A ₂ Receptor," <i>The Journal of Biological Chemistry</i> , Vol. 269(8):5897-5904 (1994)		
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/R.S./	C31	Karpovsky, Boris et al, "Production of Target-Specific Effector Cells Using Hetero-Cross-Linked Aggregates Containing Anti-Target Cell and Anti-Fcγ Receptor Antibodies," <i>Journal of Experimental Medicine</i> , Vol. 160:1686-1701 (1984)	
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/R.S./	C35	Lambeau, Gérard et al., "Cloning and Expression of a Membrane Receptor for Secretory Phospholipases A ₂ ," <i>The Journal of Biological Chemistry</i> , Vol. 269(3):1575-1578 (1994)	
/R.S./	C36	Lamminmäki, Urpo et al., "Crystal Structure of a Recombinant Anti-estradiol Fab Fragment in Complex with 17β-Estradiol," <i>The Journal of Biological Chemistry</i> , Vol. 276(39):36687-36694 (2001)	
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/R.S./	C38	Lonberg, Nils et al, "Antigen-specific human antibodies from mice comprising four distinct genetic modifications," <i>Nature</i> , Vol. 368:856-859 (1994)	
/R.S./	C39	Lu, Lina et al., "Propagation of Dendritic Cell Progenitors from Normal Mouse Liver Using Granulocyte/Macrophage Colony-stimulating Factor and Their Maturation Development in the Presence of Type-1 Collagen," <i>J. Exp. Med.</i> , Vol. 179:1823-1834 (1994)	
/R.S./	C40	MacCallum, Robert M. et al., "Antibody-antigen Interactions: Contact Analysis and Binding Site Topography," <i>J. Mol. Biol.</i> , Vol. 262:732-745 (1996)	

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/R.S./	C41	McKay, Paul F. et al., "The gp200-MR6 molecule which is functionally associated with the IL-4 receptor modulates B cell phenotype and is a novel member of the human macrophage mannose receptor family," <i>Eur. J. Immunol.</i> , Vol. 28:4071-4083 (1998)		
/R.S./	C42	McKown, Kevin M. et al., "Lack of Efficacy of Oral Bovine Type II Collagen Added to Existing Therapy in Rheumatoid Arthritis," <i>Arthritis & Rheumatism</i> , Vol. 42 (6):1204-1208 (1999)		
/R.S./	C43	Mestas, Javier et al., "Of Mice and Not Men: Differences between Mouse and Human Immunology," <i>The Journal of Immunology</i> , Vol. 172:2731-2738 (2004)		
/R.S./	C44	Monteiro, Renato C. et al, "Molecular Heterogeneity of Fcα Receptors Detected by Receptor-Specific Monoclonal Antibodies," <i>The Journal of Immunology</i> , Vol. 148(6):1764-1770 (1992)		
/R.S./	C45	Noorman, Femke et al, "Monoclonal antibodies against the human mannose receptor as a specific marker in flow cytometry and immunohistochemistry for macrophages," <i>Journal of Leukocyte Biology</i> , Vol. 61:63-72 (1997)		
/R.S./	C46	Nossal, "Immunologic Tolerance," <i>Fundamentals of Immunology</i> , 2 nd Edition, Paven Press Ltd., W.E. Paul (Ed.), Chpt. 19, pgs. 571-586 (1989)		
/R.S./	C47	Nouri-Shirazi, Mahyar et al, "Dendritic Cells Capture Killed Tumor Cells and Present Their Antigens to Elicit Tumor-Specific Immune Response," <i>The Journal of Immunology</i> , Vol. 165:3797-3803 (2000)		
/R.S./	C48	Paulus, H., "Preparation and Biomedical Applications of Bispecific Antibodies," <i>Behring Inst. Mitt.</i> , Vol. 78:118-132 (1985)		
/R.S./	C49	Potter, Kathleen N. et al, "Evidence for Involvement of a Hydrophobic Patch in Framework Region 1 of Human V4-34-Encoded Igs in Recognition of the Red Blood Cell I Antigen," <i>The Journal of Immunology</i> , Vol. 169:3777-3782 (2002)		
/R.S./	C50	Puré, Ellen et al., "Antigen Processing by Epidermal Langerhans Cells Correlates with the Level of Biosynthesis of Major Histocompatibility Complex Class II Molecules and Expression of Invariant Chain," <i>J. Exp. Med.</i> , Vol. 172:1459-1469 (1990)		

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				Application Number	10/800,023-Conf. #9210
				Filing Date	March 12, 2004
				First Named Inventor	Daniel HAWIGER
				Art Unit	1644
				Examiner Name	R. B. Schwadron
Sheet	11	of	12	Attorney Docket Number	RUJ-001CNCP2

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/R.S./	C51	Ramakrishna, Vanky et al, "Mannose Receptor Targeting of Tumor Antigen pmel17 to Human Dendritic Cells Directs Anti-Melanoma T Cell Responses via Multiple HLA Molecules," <i>The Journal of Immunology</i> , Vol. 172:2845-2852 (2004)		
/R.S./	C52	Ramakrishna, Venky et al, "Synergistic Role of TLR Agonists in T Cell-Mediated Immunity Induced by Mannose Receptor Antibody Targeting of Tumor Antigens to Human DCs," <i>J. Immunother.</i> , Vol. 28(6):658 (2005)		
/R.S./	C53	Rudikoff, Stuart et al, "Single amino acid substitution altering antigen-binding specificity," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 79:1979-1983 (1982)		
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/R.S./	C55	Schjetne, Karoline W. et al., "Delivery of Antigen to CD40 Induces Protective Immune Responses against Tumors," <i>The Journal of Immunology</i> , Vol. 178:4169-4176 (2007)		
/R.S./	C56	Spack, E.G., "Antigen-specific therapies for the treatment of multiple sclerosis: a clinical trial update," <i>Expert Opin. Investig. Drugs</i> , Vol. 6(11):1715-1727 (1997)		
/R.S./	C57	Steinman, Ralph M., "The Dendritic Cell System and Its Role in Immunogenicity," <i>Annu. Rev. Immunol.</i> , Vol. 9:271-296 (1991)		
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/R.S./	C59	Taylor, Lisa D. et al., "A transgenic mouse that expresses a diversity of human sequence heavy and light chain immunoglobulins," <i>Nucleic Acids Research</i> , Vol. 20(23):6287-6295 (1992)		
/R.S./	C60	Taylor, Maureen E. et al., "Contribution to Ligand Binding by Multiple Carbohydrate-recognition Domains in the Macrophage Mannose Receptor," <i>The Journal of Biological Chemistry</i> , Vol. 267(3):1719-1726 (1992)		

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/R.S./	C61	Taylor, Maureen E. et al., "Structural Requirements for High Affinity Binding of Complex Ligands by the Macrophage Mannose Receptor," <i>The Journal of Biological Chemistry</i> , Vol. 268(1):399-404 (1993)		
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/R.S./	C64	Tufveson, G. et al., "New Immunosuppressants: Testing and Development in Animal Models and the Clinic: with Special Reference to DSG," <i>Immunological Reviews</i> , Vol. 136(1):99-109 (1993)		
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/R.S./	C67	Wang, Hui et al., "Rapid antibody responses by low-dose, single-step, dendritic cell-targeted immunization," <i>PNAS</i> , Vol. 96(2):847-852 (2000)		
/R.S./	C68	Ward, E. Sally et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> , Vol. 341:544-546 (1989)		
/R.S./	C69	You, Zhaoyang et al., "Targeting Dendritic Cells to Enhance DNA Vaccine Potency," <i>Cancer Research</i> , Vol. 61:3704-3711 (2001)		

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